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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Williams, Anthony D.)
)
Patent No.: 7,038,507 B2) Examiner: Linh My Nguyen
)
Issue Date: May 2, 2006) Art Unit: 2816
)
Appl. Serial No.: 10/713,717) Atty. Docket No. 030772
)
Appl. Filing Date: Nov. 14, 2003)

Title: FREQUENCY SYNTHESIZER HAVING PLL WITH AN ANALOG PHASE DETECTOR

Attn: Certificates of Corrections Branch
Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

EXPRESS MAIL CERTIFICATE

"Express Mail" label number ER524408521US

Date of Deposit October 20, 2006

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is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: **Attention: Certificate of Corrections Branch, Commissioner for Patents, P.O. Box: 1450, Alexandria, VA 22313-1450.**

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OCT 26 2006
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REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 C.F.R. 1.323

Kirkpatrick & Lockhart Nicholson Graham LLP
Pittsburgh, PA 15222
October 20, 2006

Attention: Certificate of Corrections Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The errors noted on the attached form PTO/SB/44 (furnished in duplicate) appear in the printed copy of the subject patent. At least some of the noted errors occurred through the fault of the applicant, the correction of which (i) does not require the addition of new matter to the subject patent, (ii) require reexamination, or (iii) materially affect the scope or meaning of the subject patent. Further, the errors occurred in good faith.

Enclosed is a check for requisite fee under 37 C.F.R. § 1.20(a). The Commissioner is hereby authorized to charge or credit Deposit Account 11-1110 for any fee deficiencies or overages, respectively.

10/24/2006 MGE BREH1 00000024 7038507

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Date: October 20, 2006

Respectfully submitted,

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. : 7,038,507
 APPLICATION NO. : 10/713,717
 ISSUE DATE : May 2, 2006
 INVENTOR(S) : Williams

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 2

Lines 9-10, delete "caused to changing", and substitute therefor --caused by changing--.

COLUMN 2

Line 63, delete "Gamate" and substitute therefor --Garnate--.

COLUMN 4

Line 23, delete "ration N", and substitute therefor --ratio N--.

COLUMN 6

Line 55, delete " $F_{loop\ signal} = F_{comp} = 42\text{ MHz.}$ ", and substitute therefor -- $F_{loop\ signal} = F_{com\ signal} = 42\text{ MHz.}$ --.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Mark G. Knedeisen
 Kirkpatrick & Lockhart LLP
 Henry W. Oliver Building
 535 Smithfield Street
 Pittsburgh, PA 15222

This collection of information is required 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hr. to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.**

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